

San Joaquin Valley Unified Air Pollution Control District

PERMIT UNIT: S-1394-56-1

EXPIRATION DATE: 4/30/2002

EQUIPMENT DESCRIPTION:

53 HP PROPANE FIRED IC ENGINE DRIVING A 35 KW ONAN EMERGENCY GENERATOR SET

Permit Unit Requirements

1. Unit shall be fired on liquefied petroleum gas (LPG) with a sulfur content of less than or equal to 0.008% by weight (15 gr/100 ft³). [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.4 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
3. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
4. Operator shall determine the sulfur content of each delivery of liquefied petroleum gas being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2784-89 or the operator shall use commercial grade LPG for fuel and shall maintain fuel invoice records. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information, for inspection by District personnel at any time, for a period of five years. [District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit
6. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
7. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Kern, Merced, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
8. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
9. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District Rule 4701 and District NSR Rule] Federally Enforceable Through Title V Permit
10. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District Rule 4701 and District NSR Rule] Federally Enforceable Through Title V Permit

11. The engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District NSR Rule] Federally Enforceable Through Title V Permit

12. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is dark or darker than Ringelmann 1/4 or equivalent to 5% opacity.[District NSR Rule] Federally Enforceable Through Title V Permit

13. A daily log of operating hours shall be kept on the premises at all times and shall be made available for District inspection upon request.[District Rule 4701 and 2520,9.4.2] Federally Enforceable Through Title V Permit